

Appl. No. 10/706,378
Docket No. CM2477M2D
Amtd. dated October 16, 2006
Reply to Office Action mailed on August 14, 2006
Customer No. 27752

THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water-soluble pouch occupies more than about 40% of the volume of an individual compartment of a dispenser compartment of an automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.
2. (Previously Presented) The water-soluble pouch of Claim 1 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 40% of a volume that is of a size in the range from about 15 ml to about 70 ml.
3. (Previously Presented) The water-soluble pouch of Claim 1 having a degree of deformability greater than about 8% and a shape and size such that said water-soluble pouch occupies more than about 50% of the volume of the dispenser compartment of an automatic dishwashing machine when said dispenser compartment is in a closed state.
4. (Previously Presented) The water-soluble pouch of Claim 3 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 50% of a volume that is of a size in the range from about 15 ml to about 70 ml.
5. (Previously Presented) The water-soluble pouch of Claim 1 having a degree of deformability greater than about 10% and a shape and size such that said water-soluble pouch occupies more than about 60% of the volume of the dispenser compartment of an automatic dishwashing machine when said dispenser compartment is in a closed state.

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6. (Previously Presented) The water-soluble pouch of Claim 5 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 60% of a volume that is of a size in the range from about 15 ml to about 70 ml.

7. (Previously Presented) The water-soluble pouch of Claims 1, 2, 3, 4, 5, or 6 wherein said water-soluble pouch has a shape and size such that it is in a state of compression when it is the dispenser compartment of an automatic dishwashing machine and said dispenser compartment is in a closed state.

8. (Previously Presented) The water-soluble pouch of Claim 1 wherein said pouch comprises at least one piece of water-soluble film that at least partially encloses said one or more dishwashing compositions.

9. (Previously Presented) The water-soluble pouch of Claim 8 wherein said at least one piece of water-soluble film comprises polyvinyl alcohol.

10. (Previously Presented) The water-soluble pouch of Claim 8 wherein at least one piece of water-soluble film is thermo-formed into a configuration for at least a portion of said water-soluble pouch.

11. (Previously Presented) The water-soluble pouch of Claim 8 wherein at least one piece of water-soluble film is vacuum-formed into a configuration for at least a portion of said water-soluble pouch.

12. (Previously Presented) A water-soluble pouch of Claim 8 comprising a single compartment for said one or more dishwashing compositions.

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13. (Previously Presented) The water-soluble pouch of Claim 12 wherein said one or more dishwashing compositions comprises a gel.

14. (Previously Presented) The water-soluble pouch of Claim 13 wherein said gel is translucent.

15. (Previously Presented) The water-soluble pouch of Claim 13 wherein water-soluble pouch contains an air bubble therein.

16. (Previously Presented) The water-soluble pouch of Claim 15 wherein said air bubble has a volume of up to about 50% of the volume of said pouch.

17. (Previously Presented) A water-soluble pouch according to Claim 13 that displays anisotropic deformability.

18. (Previously Presented) The water-soluble pouch of Claims 1, 12, or 13 wherein said one or more dishwashing compositions comprises a builder selected from the group consisting of: citrates, carbonates; polyphosphates; silicates; and mixtures thereof.

19. (Previously Presented) The water-soluble pouch of Claims 1, 12, or 13 wherein said one or more dishwashing compositions comprise at least the following ingredients: potassium tripolyphosphate and a citrate.

20. (Previously Presented) The water-soluble pouch of Claim 19 wherein said one or more dishwashing compositions comprise one or more enzymes.

21. (Previously Presented) The water-soluble pouch of Claim 20 wherein said one or more enzymes comprise protease and amylase enzymes.

Appl. No. 10/706,378
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22. (Previously Presented) A water-soluble pouch of Claim 8 comprising more than one compartment for said one or more dishwashing compositions.
23. (Previously Presented) The water-soluble pouch of Claim 22 comprising at least one compartment containing a powder composition.
24. (Previously Presented) The water-soluble pouch of Claim 23 wherein said powder composition comprises a builder selected from the group consisting of: citrates, carbonates; polyphosphates; silicates; and mixtures thereof.
25. (Previously Presented) The water-soluble pouch of Claim 24 wherein said builder comprises a polyphosphate.
26. (Previously Presented) The water-soluble pouch of Claim 25 further comprising a carbonate.
27. (Previously Presented) The water-soluble pouch of Claim 26 further comprising a silicate.
28. (Previously Presented) The water-soluble pouch of Claim 23 wherein said powder composition further comprises one or more enzymes.
29. (Previously Presented) The water-soluble pouch of Claims 23 or 28 wherein said powder composition further comprises a bleaching agent.
30. (Previously Presented) The water-soluble pouch of Claim 29 wherein said bleaching agent comprises a particulate bleach.

Appl. No. 10/706,378
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31. (Previously Presented) The water-soluble pouch of Claim 29 wherein said bleaching agent is selected from the group consisting of: sodium perborate and sodium percarbonate.

32. (Previously Presented) The water-soluble pouch of Claim 23 wherein said multi-compartment pouch comprises at least one compartment separate from the compartment containing said powder composition, and said separate compartment contains a liquid composition.

33. (Previously Presented) The water-soluble pouch of Claim 32 wherein the compartment of said water-soluble pouch containing said liquid composition contains an air bubble therein.

34. (Previously Presented) The water-soluble pouch of Claim 32 wherein said liquid composition comprises at least one non-ionic surfactant.

35. (Previously Presented) The water-soluble pouch of Claim 34 wherein said liquid composition further comprises a solvent.

36. (Previously Presented) The water-soluble pouch of Claim 32 wherein said liquid composition and said powder composition have different colors.

37. (Previously Presented) The water-soluble pouch of Claim 32 wherein said liquid composition and said powder composition have different opacities.

38. (Previously Presented) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch comprising at least one piece of water-soluble film that at least partially encloses said one or more dishwashing compositions, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that

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said water-soluble pouch occupies more than about 40% of a container that is of a size in the range from about 15 ml to about 70 ml.

39. (Previously Presented) The water-soluble pouch of Claim 38 wherein said water-soluble pouch has a shape and size such that it is in a state of compression when it is confined within such a container.

40. (Previously Presented) A water-soluble pouch for use in a method of washing dishware/tableware in an automatic dishwashing machine which has a single or multi-compartment product dispenser which is normally closed and sealed after charging said machine and prior to delivery of a dishwashing product into the wash liquor, wherein said water-soluble pouch comprises one or more dishwashing compositions in a unit dose form, said pouch having a degree of deformability greater than about 5% and a shape and size such that said pouch occupies more than about 40% of the volume of the corresponding compartment of said product dispenser in its closed state, wherein said method comprises the step of contacting said dishware/tableware with said one or more dishwashing compositions in said pouch.

41. (Previously Presented) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch being deformable, and having a shape and size such that said water-soluble pouch is compressibly contained in an individual compartment of a dispenser compartment of at least one automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.